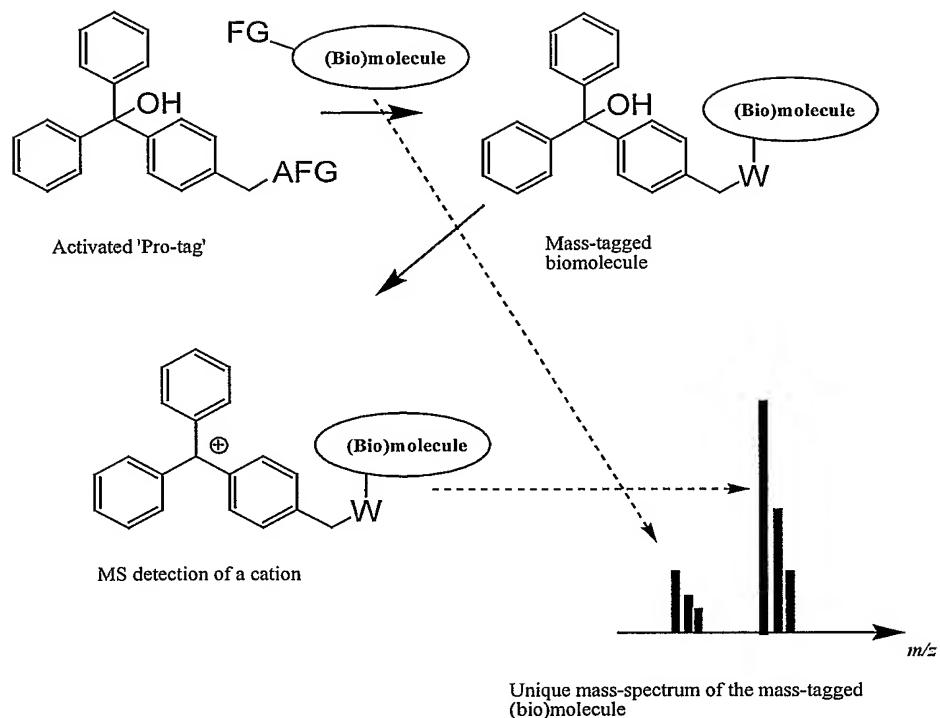


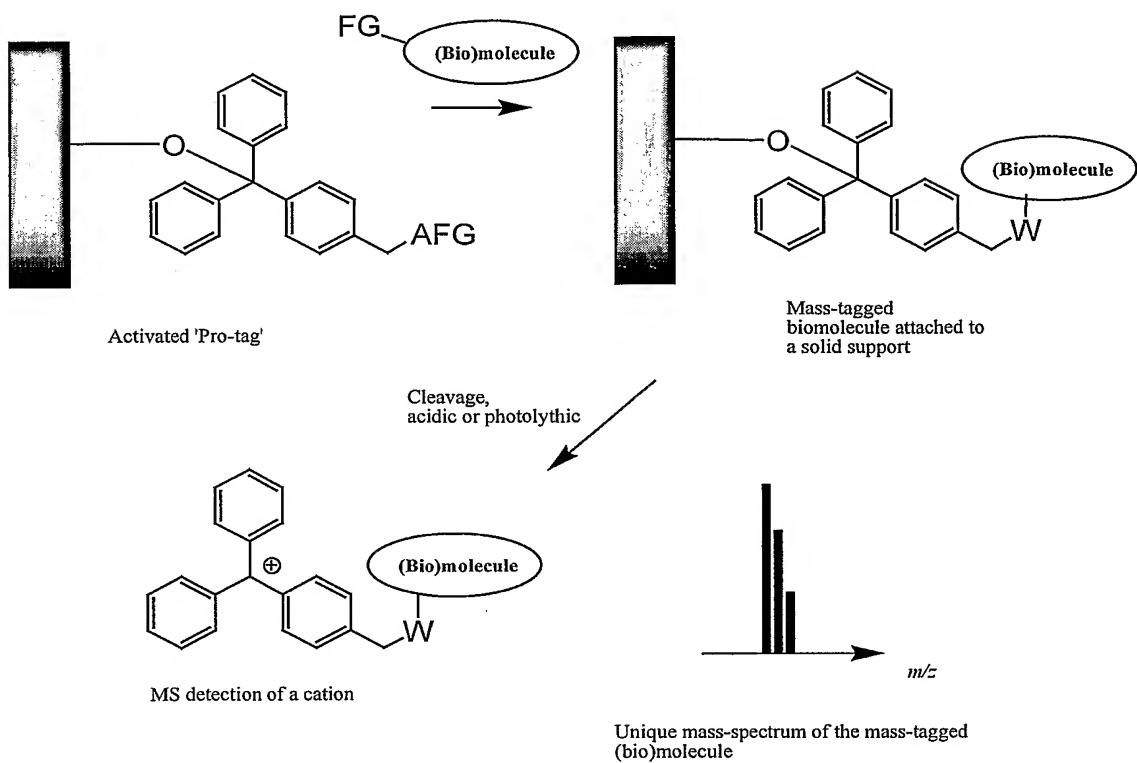
Figure 1**Tryptyl Tagging**

AFG, activated functional group, i.e. NHS or maleimido

FG, functional group, i.e. NH₂ or SH

W, a bond between AFG and FG

(Bio)molecule, a molecule to be analysed, i.e. a peptide

Figure 2**Tryptyl Enhancer Tagging on Solid Support**

AFG, activated functional group, i.e. NHS or maleimido

FG, functional group, i.e. NH₂ or SH

W, a bond between AFG and FG

(Bio)molecule, a molecule to be analysed, i.e. a peptide

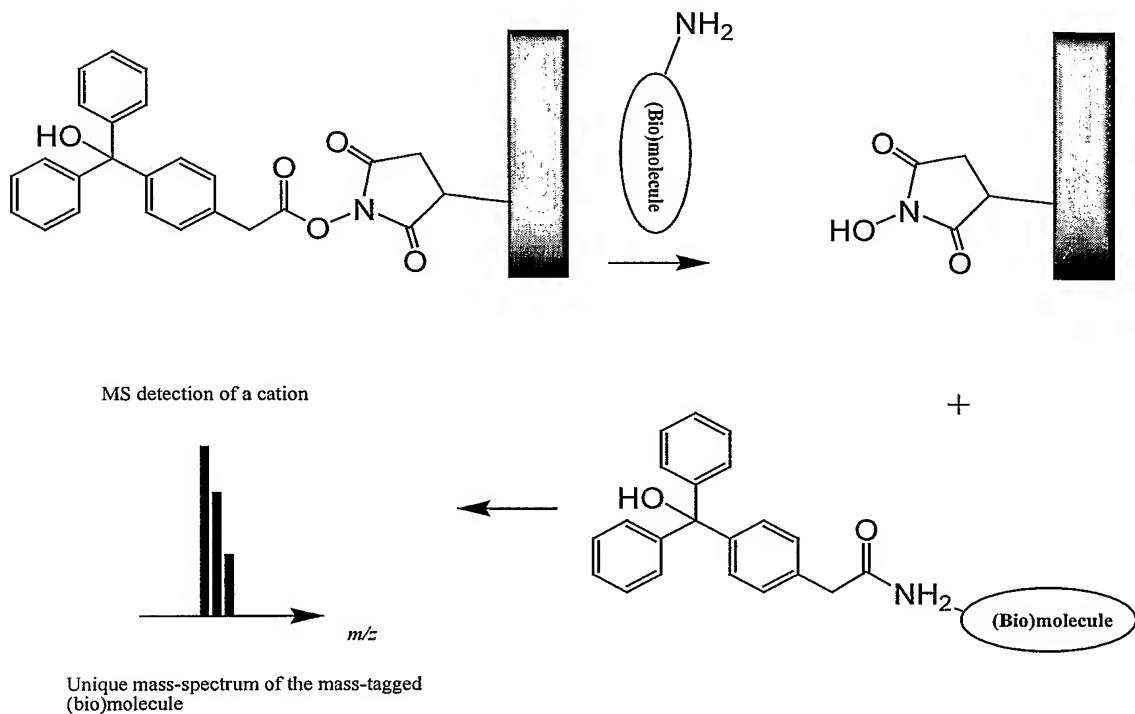
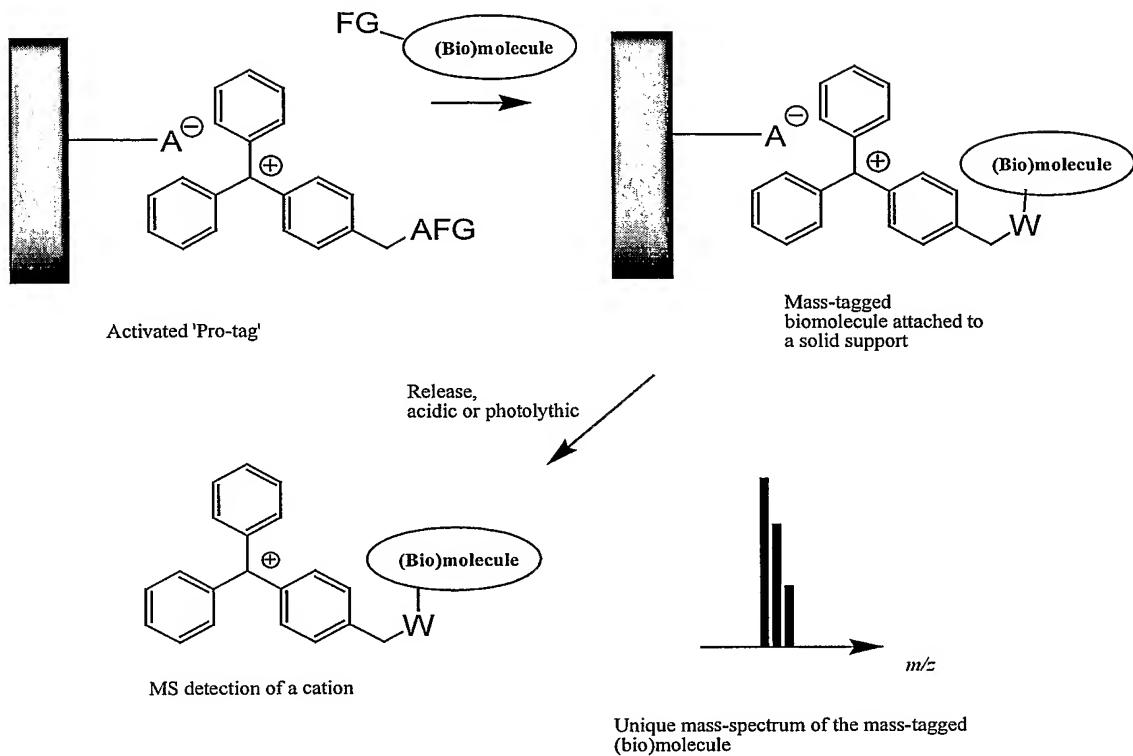
*Figure 3***Reverse Trityl Enhancer Tagging on Solid Support**

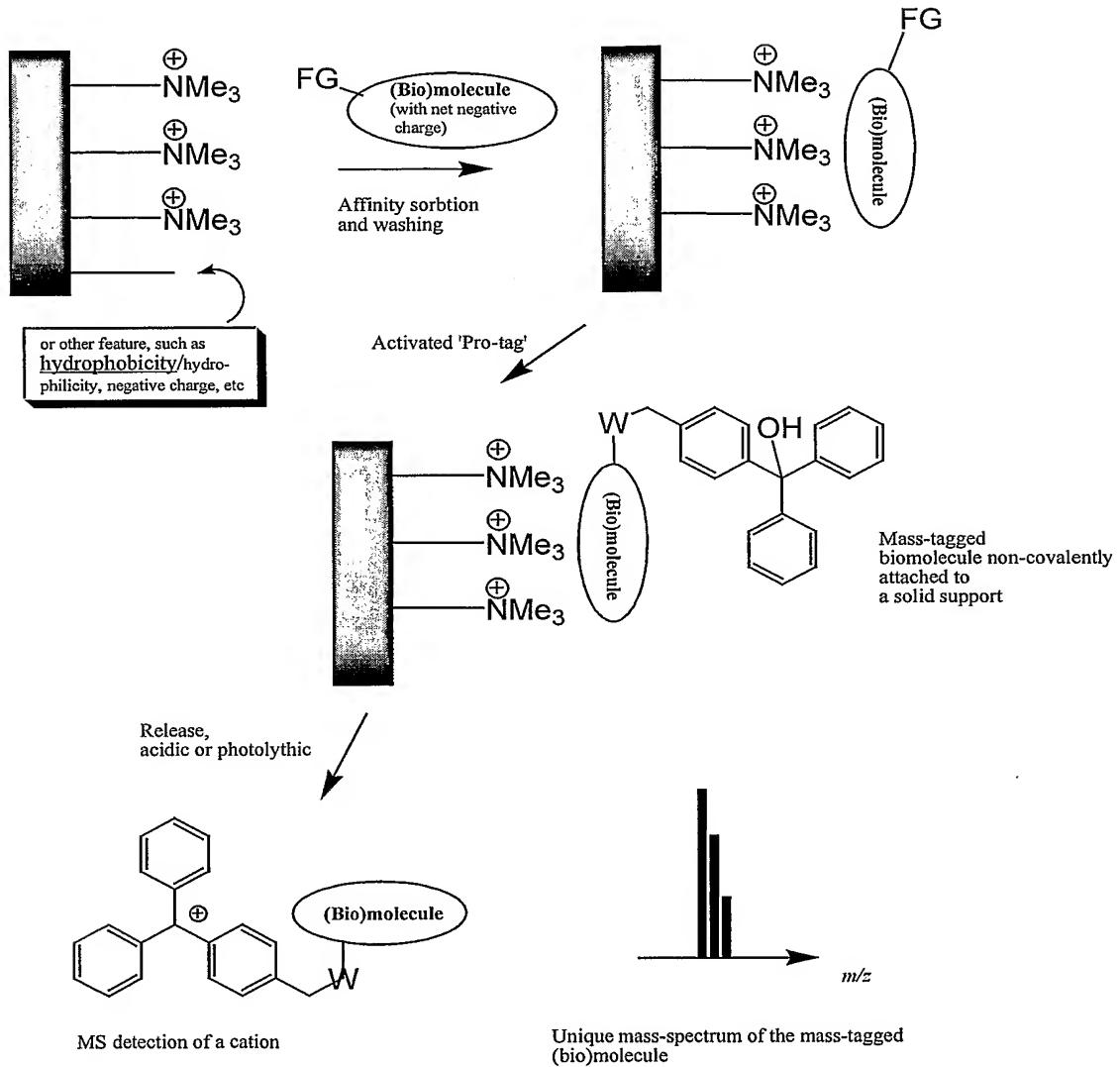
Figure 4**Trityl Enhancer Tagging on Solid Support 2**

AFG, activated functional group, i.e. NHS or maleimido

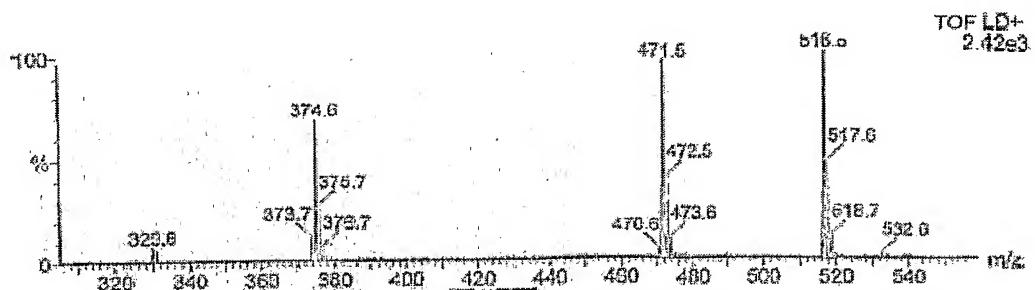
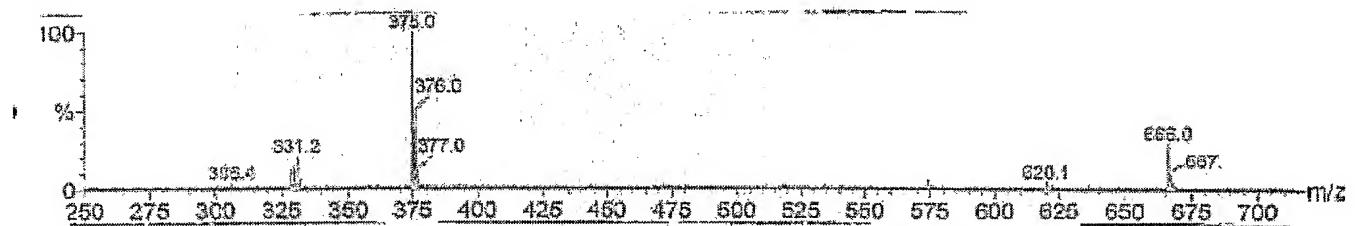
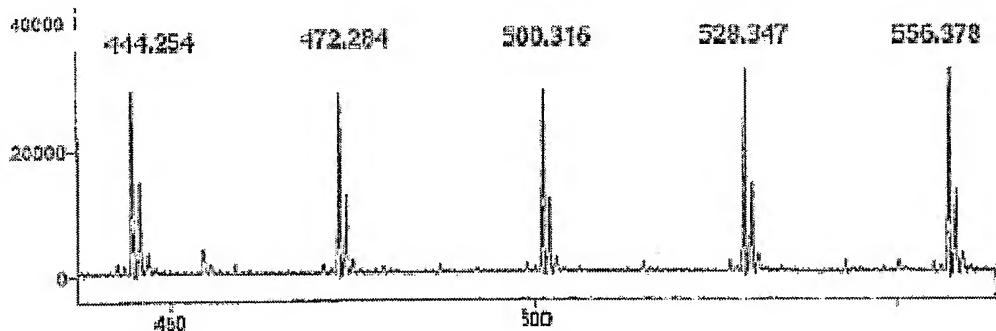
FG, functional group, i.e. NH₂ or SH

W, a bond between AFG and FG

(Bio)molecule, a molecule to be analysed, i.e. a peptide

Figure 5**Solid Support-Assisted Trityl Enhancer Tagging**

6/15

Figure 6*Figure 7**Figure 9*

7/15

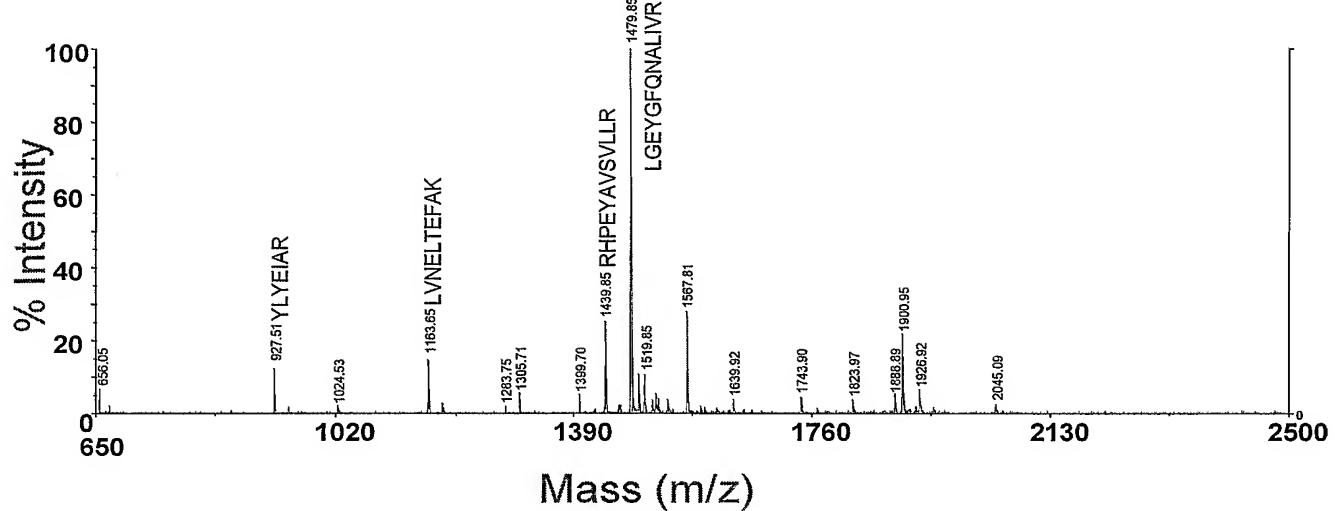
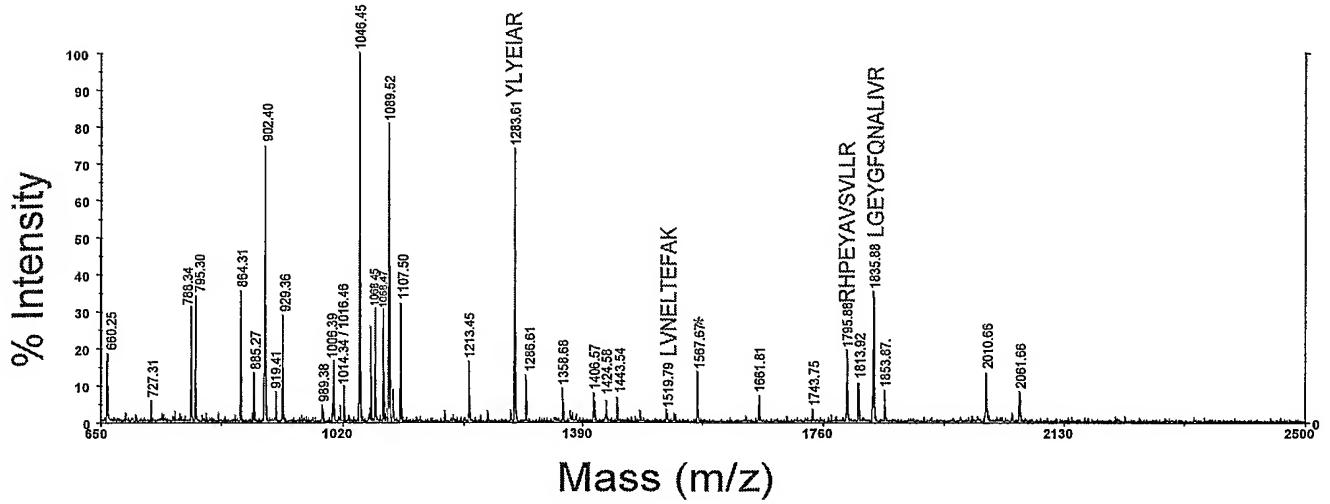
Figure 8**Figure 8A****Figure 8B**

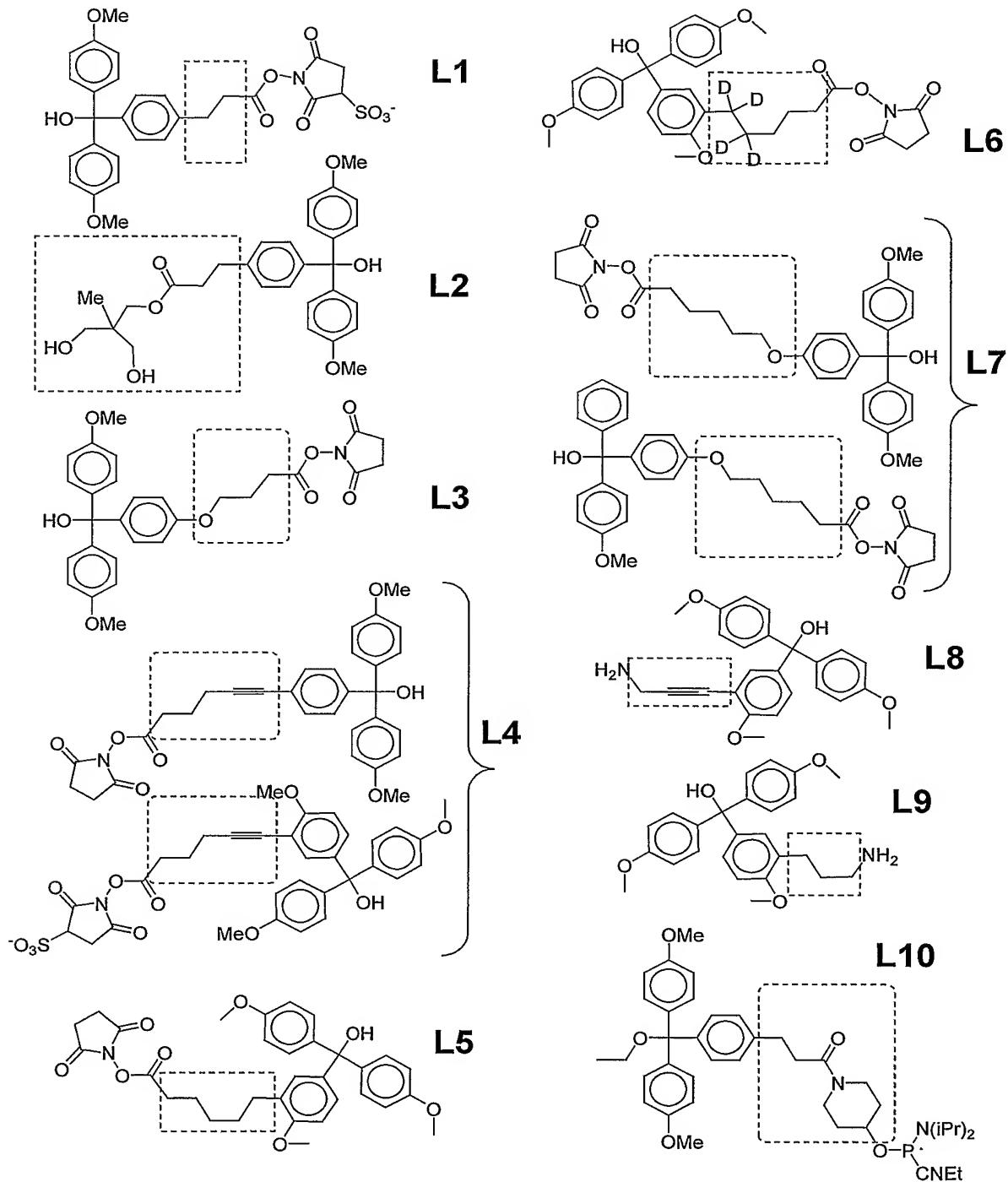
Figure 10A

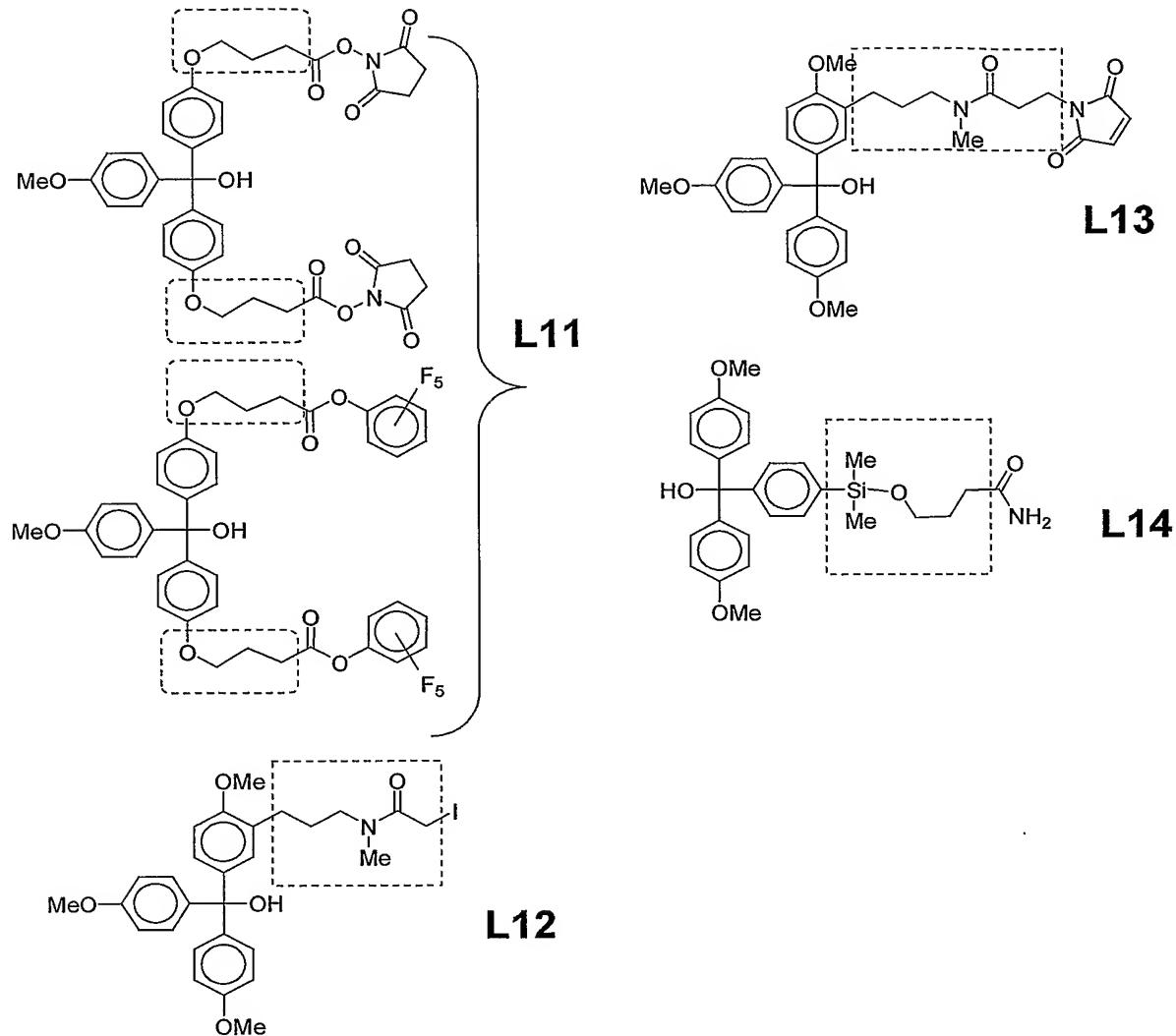
Figure 10B

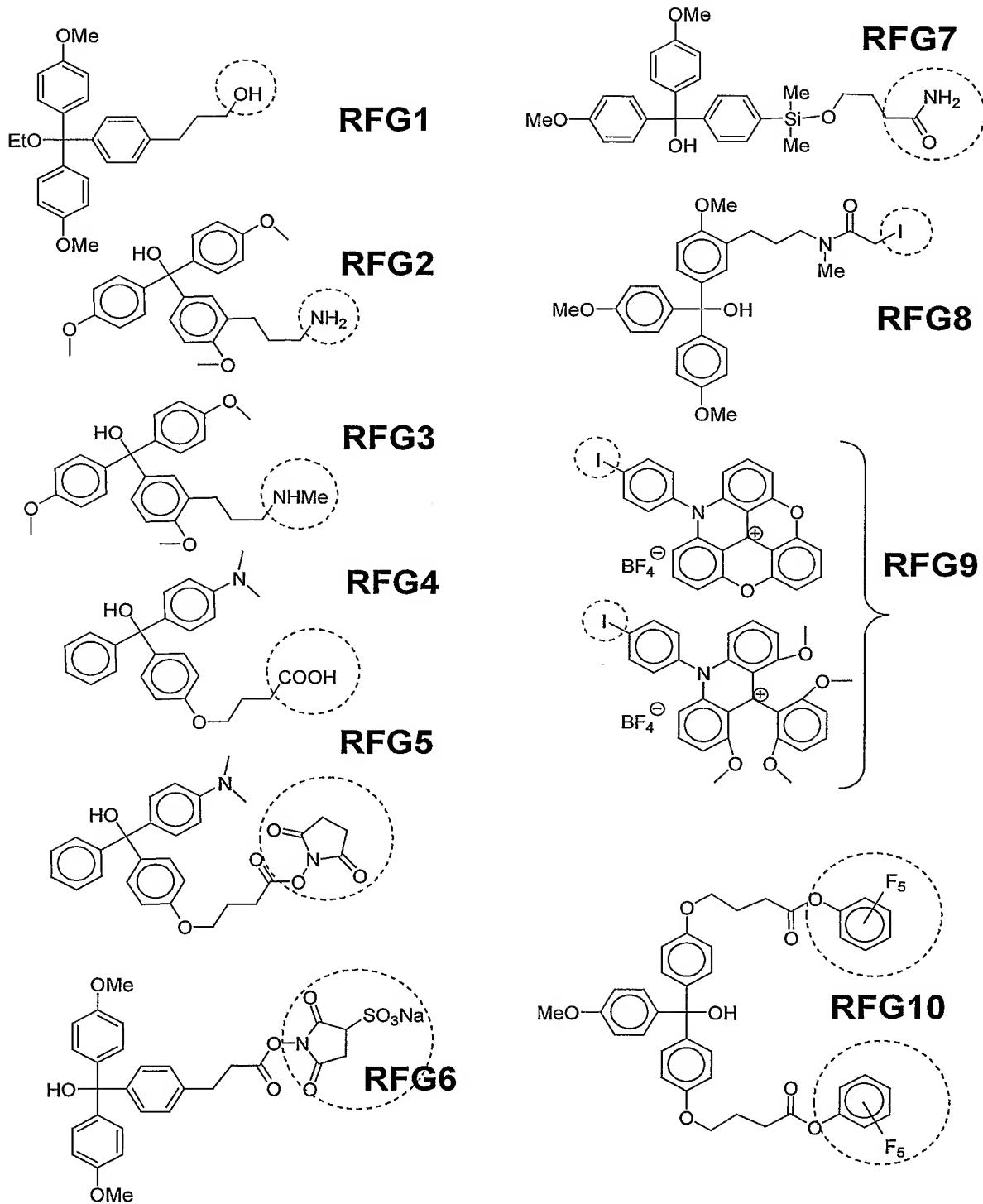
Figure 11A

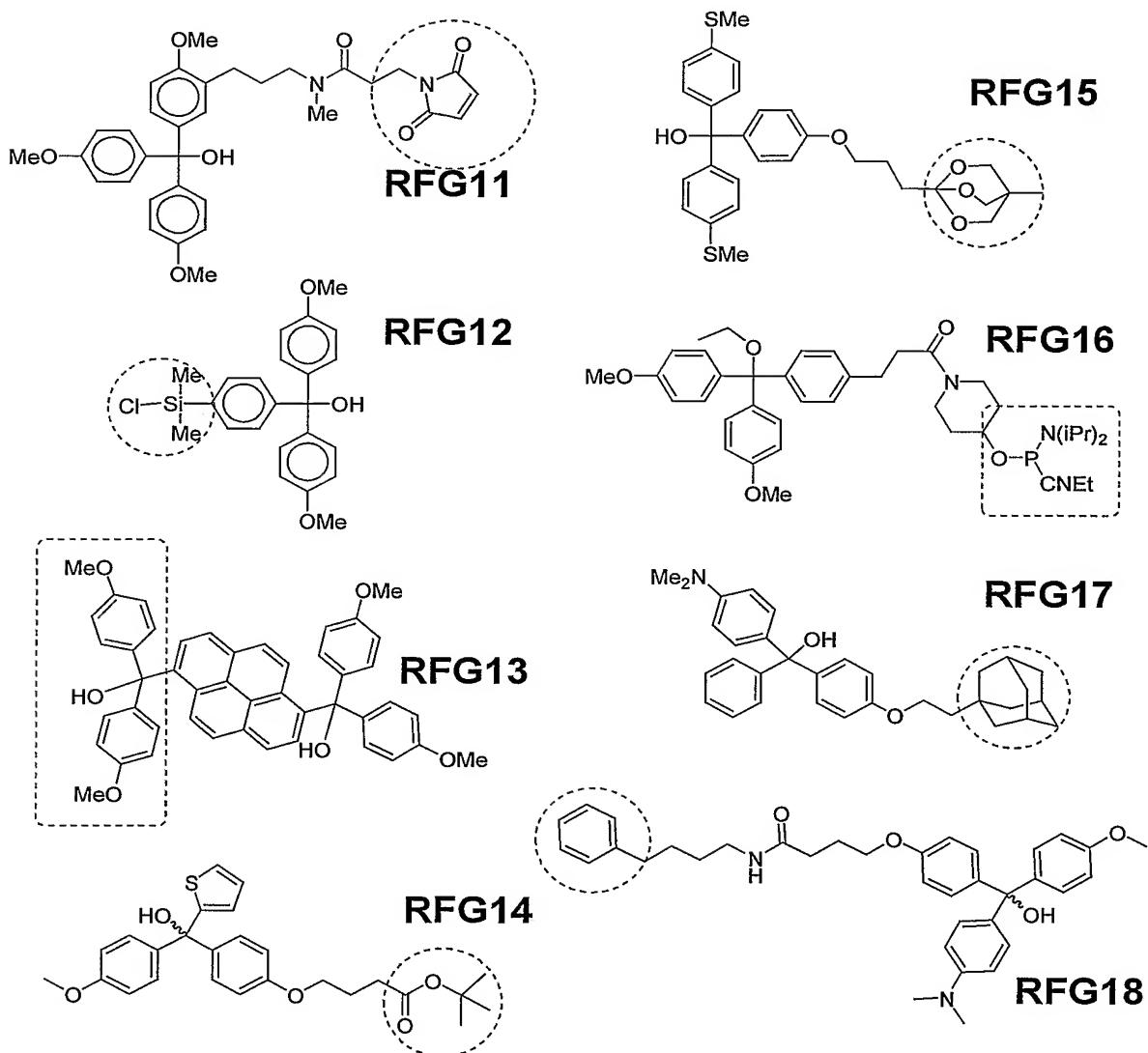
Figure 11B

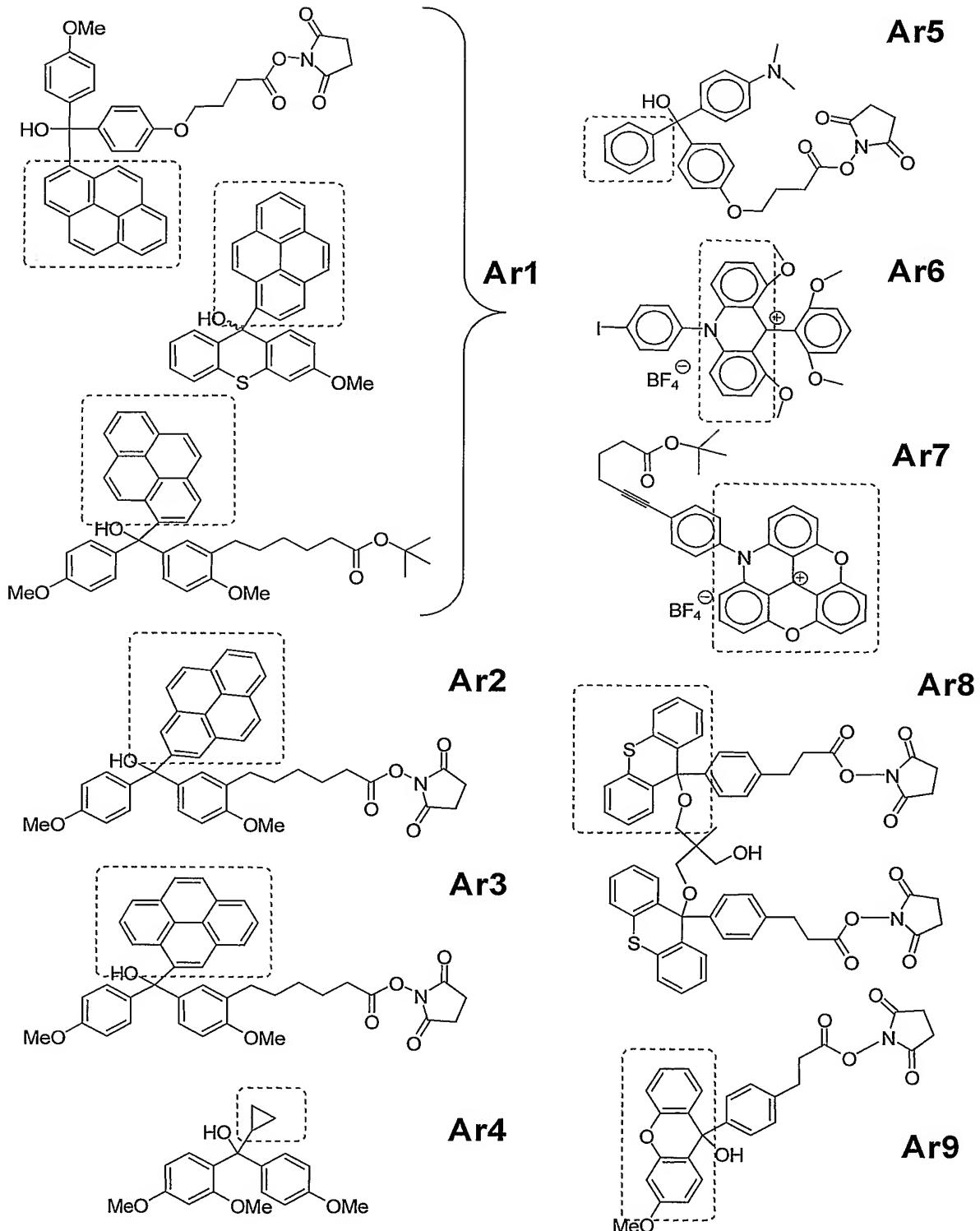
Figure 12A

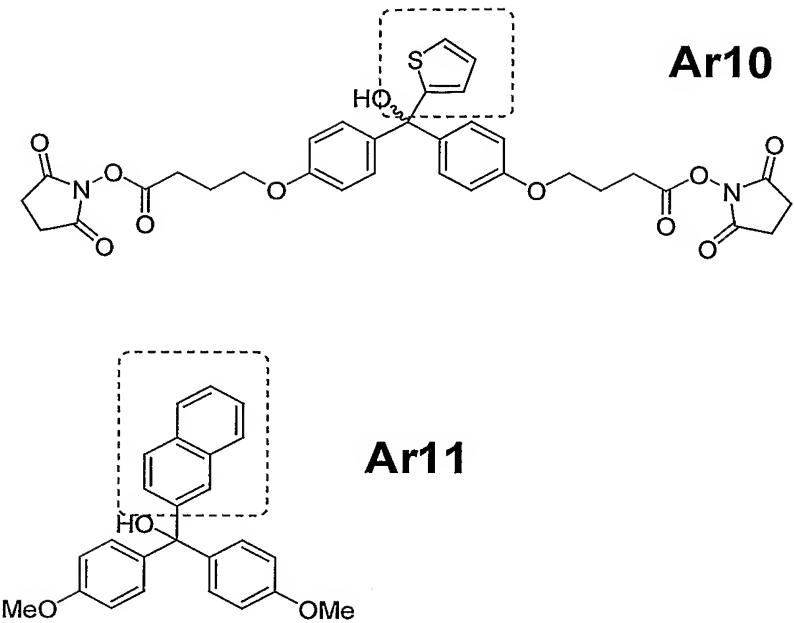
Figure 12B

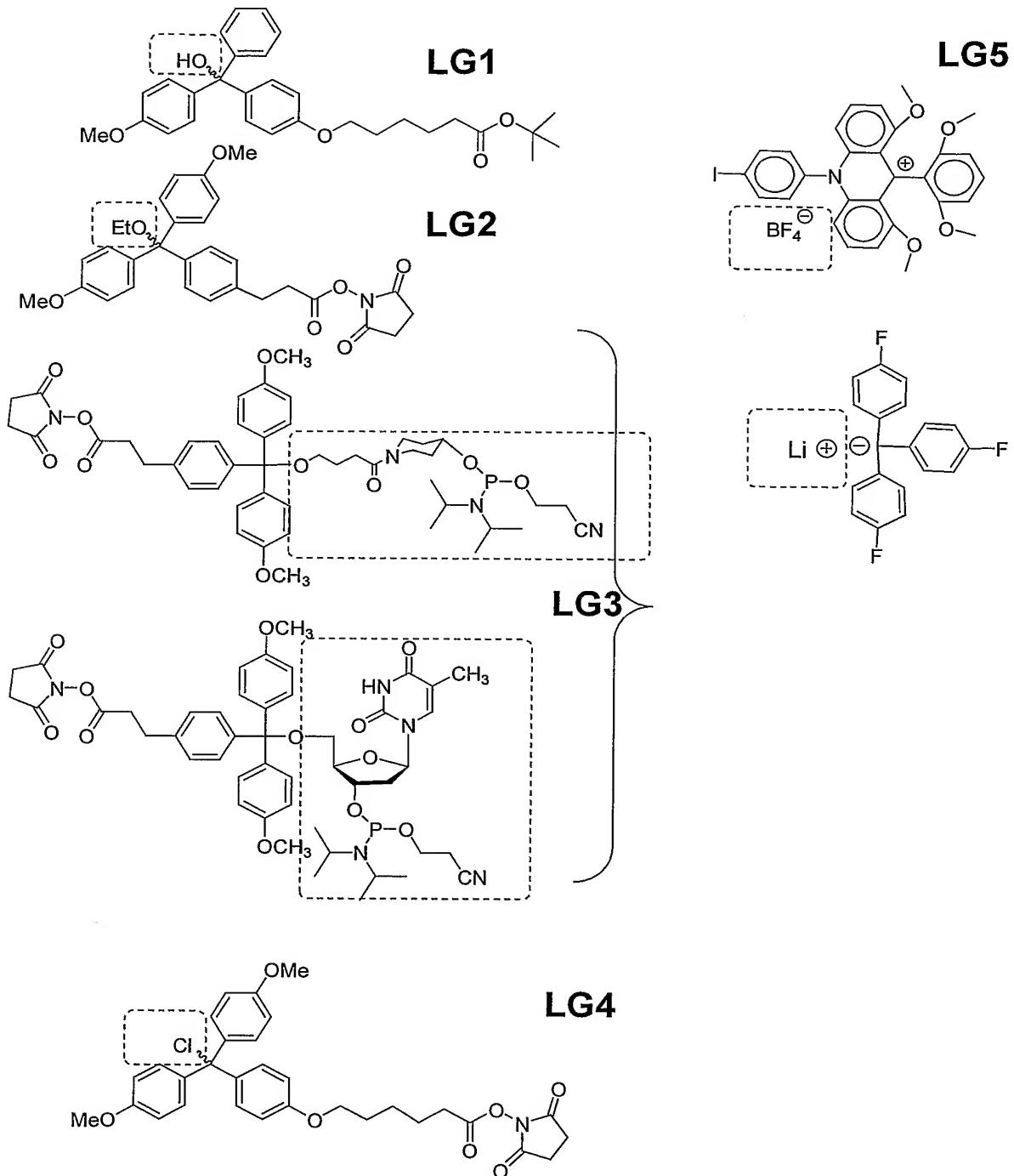
Figure 13

Figure 14